```
*************************************
*                                   *
*        ---The Vee Zedder---       *
*                                   *
*       Free LYSCo newsletter!      *
*                                   *
*************************************
```

Sad farewell

We are sorry to bring you our last VZ catalogue and newsletter. The day had to arrive. As of the 31st day of July, 1986, we will no longer be supporting the VZ. We are not closing, but rather re-directing our energies towards other fields of computing, the main being business computers. Any person, club or other organization who wishes to take over either our programs, or our newsletter and mailing list (you may wish to continue this publication for a small subscription) should write to us as soon as possible.

All programmers will recieve full outstanding royalty payments at the end of this time.

Specials

This issue we bring our largest selection of specials ever. Get your orders posted TODAY!

Adventurers Cassette	- $15.00	(More adventuring than any other VZ cassette)
Video Arcade Cassette	- $12.50	(Five action packed games)
Gamblers Pack	- $9.00	(Two of the highest quality VZ games. If you buy nothing else, buy this one)
Decision Evaluator	- $6.00	(A must for anyone who has to make decisions, this is the sort of program IBM owners pay hundreds of dollars for)

Ne game

We bring you one new game for our final newsletter and catalogue. Called, VZ-STAR TREK II, it is a modern sequel to the classic VZ-STAR TREK. It was originally to be marketed for $8.00, but in our generosity we are discounting it to $6.00. It runs on an unexpanded VZ-300 or a VZ-200 with 16K RAM expansion.

VZ-STAR TREK II takes place on a reconditioned Starship Enterprise. You must fight off the Klingon menace with an updated armament. There is more action, more graphics, more fun than VZ-STAR TREK. If you enjoyed the challenge of VZ-STAR TREK, you will be blown away with VZ-STAR TREK II.

Discontinuations

Unfortunately, due to lack of interest, Lemonade Stand, Speed and Accuracy and the compilation cassette have been discontinued.

Tips

The most popular section of this newsletter.

We take no responsibility for the correctness or the safety of the following items.

Temporary Pause

POKE 30875,34 will cause the computer to freeze until "BREAK" (CTRL -) is executed.

Hint sent in by M Glew
and M Novakovic

Crazy Cursors

```
10 POKE 30777,0
20 GOTO 10
```

Press any key and watch what happens.

Hint by W Simondson

Print Size

For those who own a PP40 or TP40 printer/plotter and the "VZ-WORDPROCESSOR" and wish to be able to change the size of the printed text, use this short routine before loading the program.

```
10 LPRINT CHR$(18);"S2"        'CHR$(18) sets plotter to graphic mode, S=si
20 LPRINT CHR$(17)             'Return to text mode
```

Altering the number after the S in line 10 will alter the character size.

Hint by C Bryant

Interesting Addresses

POKE 30779,87	- keyboard beep, orange screen
POKE 30779,243	- keyboard silent, orange screen
POKE 30862,80:POKE 30863,57:X=USR(0)	- cursor disappears

POKE 20863,200	- mode change, press key for MODE(0)
POKE 30723,17	- enter a command, see what happens
POKE 30723,198	- as above

VZ-Memory Map

0	-	16383	Operating system and BASIC ROM
16384	-	26623	Reserved for cartridges (like the Wordprocessor)
26624	-	28671	Input/Output buffer
28672	-	30719	Video display area
30720	-	32767	User RAM
-32768	-	-1	User RAM

Hint by M Novakovic

Two Hints To Remember

LIST. (LIST followed by a stop) lists the last line entered or to cause an error.

When a program requires more than one array to be DIMensioned they can be entered on the one line. For example :-

```
10 DIM A$(15),B$(21),X%(15),D(40)
```

Hint by P Patterson

Special Selection

001 EXIT JP 1A19H	Jump to BASIC from machine code
POKE 28670,15	Restore all Hi-Res graphics from MODE(1)

To draw a circle:-

```
10 MODE(1):PI=3.14
20 FOR A=.02 TO 2.02*PI STEP PI/200
30 SET (63*SIN(A)+64),(3*COS(A)+32)
40 NEXT A
```

To draw a staight line between two points:-

```
10 CLS
20 INPUT"ENTER X1";X1
30 INPUT"ENTER Y1";Y1
40 INPUT"ENTER X2";X2
50 INPUT"ENTER Y2";Y2
60 MODE(1)
70 X1=X1+(X2-X1)/100
80 Y1=Y1+(Y2-Y1)/100
90 SET (X1,Y1):SET(X2,Y2)
100 IF X1<X2 THEN 70
110 GOTO 110
```

Check Record Upgrade

Here is an example for owners of "CHECK RECORD". This upgrade is for owners whose version does not include a facility for editing previoulsy entered records. Simple CLOAD the program, enter the following upgrade, and CSAVE it.

```
131 IFC$="",C$="H"
2330 PRINT"'S' SAVE LIST":PRINT"'E' EDIT
 A RECORD"
184 IFC$=LEFT$("EDIT",FK),3300
3300 IFCH=-1,CH=R-1
3310 PRINT:INPUT"NO. OF CHEQUE TO EDIT";
C2
3311 IFC2=0,130
3315 CR=-1
3320 FORI=1TO400:IFC2(I)=C2,CR=I:I=400
3330 NEXTI
3340 IFCR<>-1,CQ=CR:CH=CR:GOTO3400
3350 CQ=CK+1
3400 CLS:PRINT@0,"PAYEE*   ";P$(CQ):PRIN
T@7,;:INPUTP$(CQ)
3410 IFP$(CQ)="",3400
3420 C2(CQ)=C2
3430 PRINT@64,"AMOUNT (IN $$)*   ";D2(CQ
):PRINT@81,;:INPUTD2(CQ)
3440 PRINT@128,"MONTH*   ";M$(CQ):PRINT@
135,;:INPUTM$(CQ)
3450 PRINT@192,"CATEGORY*   ";T$(CQ):PRI
NT@207,;:INPUTT$(CQ)
3460 IFCK<CQ,CK=CQ
3470 GOTO3300
800 CLEAR3000:GOSUB20000:I=1:CQ=-1
20000 DIM J$(400)
20010 DIM P$(400),C2(400),D2(400),M$(400
),T$(400)
20020 RETURN
120 GOSUB20000
115
40040 PRINTCK"CHEQUES SAVED."
```

Correction for programs in DSE's "VZ-200 Second Book Of Programs"

Battleships	-	The first line on page 3 should read 805 PRINT@501,"ESCAPE";
Grand Prix	-	The second POKE statement on line 1000 should read POKE 28776,240
Inventory	-	Requires 16K RAM expansion
Chasm Capers	-	Delete line 364

VZ Peripherals

There has been some confusion over the compatibility of the VZ-200 and VZ-300 peripherals. The only time any problem will arise is when using an incorrect memory expansion module. While VZ-200 and VZ-300 RAM expansions are interchangeable, they may not extend the RAM to the full advertised amount.

Your Questions Answered

Mathew Taylor asks how to save a program in binary (B:) format.

The simplest way to do this is to use a machine code monitor like VZ-MONBO.

Hall Of Fame

Our final hi-score tally. Please do not send in anymore records.

Arcade

Game	Score	Record Holder
City Blitz	55,977	S Gnafkis
Little Packer	48,280	K Gray
Beat The Bug	755	B Dorlandt
Caverns Of Venus	4,250	S Seifert
Mousetrap	9,344	C Sunderland
Asteroid Field	15,840	A Zigomanis

Gambling

Game	Amount	Record Holder
Russian Roulette	$1,300	D Gnafkis
Slot Machine	$11	B Dorlandt

Adventures

	Master Adventurer
The Enchanted Princess	D Sprunt
The Lost Sword	B Dorlandt
Adventure Tape One	P McDonald
VZ Star Trek	A Tong

	Apprentice Adventurer
The Encahnted Princess	A Tong

For Sale

1xVZ-200 with manuals, original box and large range of software - $45.00

1xPP-40 four colour printer/plotter with paper, spare pens and good manuals with examples for the VZ-200 and other computers. Will work on any computer will Centronics interface. - $69.00

1xCentronics draft printer. Extrodinary speed, 300 characters per second. Two printer heads. Bi-directional printing. 15" paper. 136 column. - $250.00

The End

Goodbye! Please address all correspondence to:-

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